



Decadal Survey Tier 2 Mission Study Summative Progress Report

Aerosol-Cloud-Ecosystem (ACE) Decadal Survey Mission

Hal Maring and Paula Bontempi
16 November 2010



ACE Report Agenda



ACE DS Mission: What We've Learned, Agreed Upon and Need To Do

Category	Content	Speaker	(min)
Introduction	The ACE Mission	H Maring	5
Importance of ACE	Ocean Ecology	A Gnanadesikan	20
	Climate	A Gettelman	20
ACE Science & STM's	Cloud Science and STM	J Mace	20
	Aerosol Science and STM	L Remer	20
	Ocean Ecology and STM	M Behrenfeld	20
	Ocean-Aerosol Science and STM	N Meskhidze	20
Instrument Concepts	Ocean Ecosystem Spectroradiometer	C McClain	12
	Cloud Radar	S Tanelli	12
	HSRL	C Hostetler	12
	Polarimeter	D Diner	12
	Additional Instruments	S Platnick	15
Mission Structure	Implementation Scenarios	L Callahan	25
	Cost and Schedule	A Ellis	
Recommendations	What Next	D Starr	15